

<b>SUBJECT</b>	MacDon Wobble Box Change Over	<b>BULLETIN NUMBER</b>	0855_A
<b>MODEL</b>	4000, Pre-1997 Single Knife Headers, Pre-1997 Double Knife Headers	<b>Page 1 of 3 ISSUED</b>	July 08
<b>SER #</b>	All	<b>SUPERSCEDES:</b>	0636

**SYMPTOM:** Old Style Wobble Box has Become Cost Prohibitive to Sell

**PROBLEM:** Vendor Raised Prices on Wobble Box **MD#26320**

**SOLUTION:** Order MD Wobble Box Upgrade Kit and Wobble Box **MD#100532**

**WARRANTY:** For Information Only

**Units on Warranty:** NONE

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A recent vendor cost increase on the **MD# 26320** wobble box has made supplying this box cost prohibitive. When our current inventory of the **MD# 26320** wobble box is exhausted, MacDon Parts will only supply a wobble box and upgrade kit for the new style **MD# 100532** wobble box that includes applicable: pulley, drive arm, drive pin, hardware, and instructions.

**Kit Part Numbers are:**

**117356 Kit** – 4000 MoCo

**117357 Kit** – Pre-1997 Single Knife Drive Headers

**117358 Kit** – Pre-1997 Double Knife Drive Headers

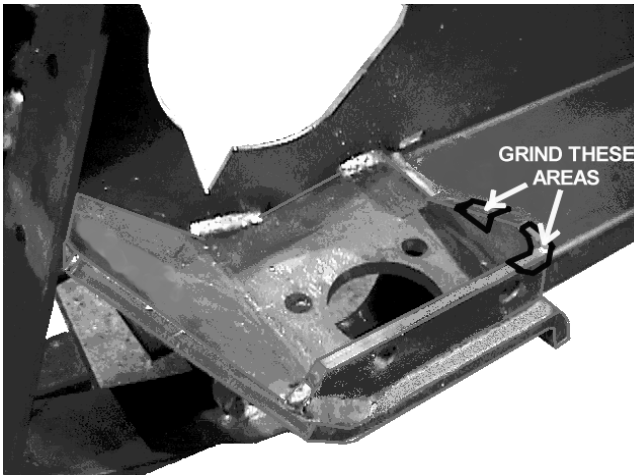
**The new style wobble box, part #100532 must be purchased separately from the kit.** This is a change from an earlier bulletin in an effort to reduce the value of parts in your inventory.

See following pages for instructions on mounting the new box.

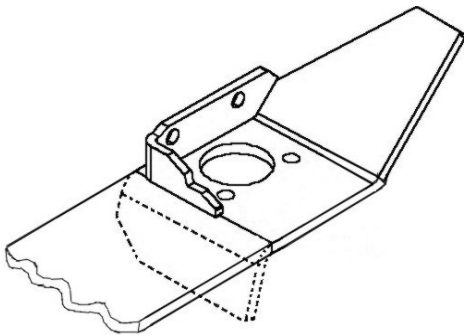
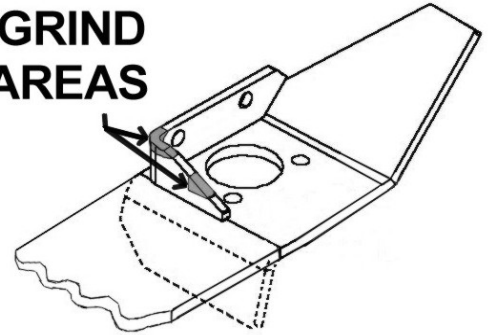
## WOBBLE BOX MOUNT MODIFICATION

Prior to installation of the new wobble box, remove or grind away excess material as shown in the sketches below.

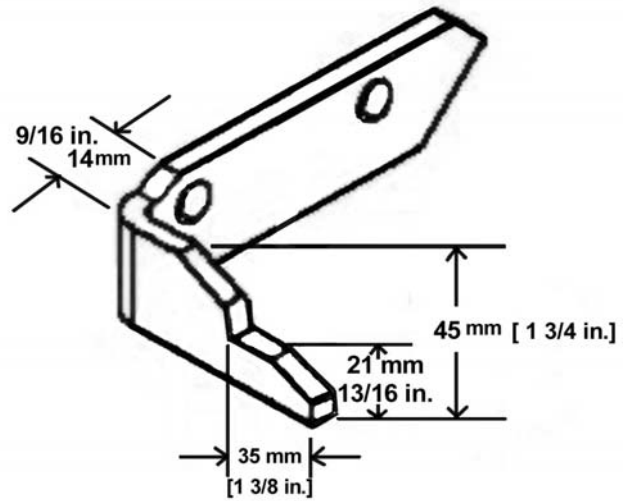
**Note:** Notch at the 14 mm dimension is necessary for proper fit to mount. The notch at 21 mm dimension is only necessary if you want to gain access to drain plug while box is still mounted to header.



**REMOVE/GRIND  
SHADED AREAS**



**AFTER GRINDING**



## ASSEMBLY

When installing a new knife drive box or whenever a drive arm or pulley is being installed follow the instructions below.

### Knife Drive Box (Wobble Box) Assembly

1. Ensure splines and bores in pulley or drive arm are free of paint oil and solvents.
2. Apply 2 bands of Loctite® 243 on pulley shaft as shown at (C).
3. Push pulley on until flush with end of shaft and insert 5/8" X 3" hex head bolt with distorted thread NC locknut and torque to 160 ft-lbs (Nm).
4. Place box into position on header mount, placing belt around pulley and install 5/8" X 1.5" grade 8 hex head bolts to mount wobble box to frame. Tighten the 4 bolts gradually until tight. Torque **side bolts first** to 200 ft-lbs. and then bolts through the bottom.
5. Apply Loctite® 243 to the output shaft in 2 bands as shown at (C) and slide arm onto shaft. Rotate pulley to ensure drive arm just clears frame to ensure proper placement on splines.
6. Position drive arm at furthest outboard position. Move drive arm up or down on splined shaft until it just contacts the knife head at (A). A 0.25mm or .010" gap is desirable while making sure knife is laying flat on ledger surface of first few guards. Torque 5/8" X 3" hex head bolt to 160 ft-lbs. at (B) to secure arm on spline.
7. Install knife head pin and align groove in knife head pin just above top of casting. Install 5/8" X 3" hex head bolt and torque to 160 ft-lbs.
8. Grease knife head just enough to start a slight downward movement of knife head. Over greasing will cause knife to heat at guards and cause undue loading.

